



# Material Composition Declaration

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This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.

**Adobe Reader version 7.0.5 is required to complete this declaration.**

<b>1752-2 1.1</b>	IPC Web Site for Information on IPC-1752 Standard <a href="http://www.ipc.org/IPC-175x">http://www.ipc.org/IPC-175x</a>	<b>Form Type *</b> Distribute	<b>Declaration Class *</b> Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informat
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## Supplier Information

<b>Company Name *</b> NIC Components Corp.	Company Unique ID	Unique ID Authority	<b>Response Date *</b> 2021-07-06	Response Document ID				
<b>Contact Name *</b> Michael Mack	Title - Contact Technology Development Mana	<b>Phone - Contact *</b> 631-396-7500	<b>Email - Contact *</b> mike.mack@niccomp.com	Duplicate Contact -> Authorized Representative				
<b>Authorized Representative *</b> Michael Mack	Title - Representative Technology Development Mana	<b>Phone - Representative *</b> 631-396-7500	<b>Email - Representative *</b> rohs@niccomp.com	Supplier Comments or URL for Additional Information				
Requester Item Number	Mfr Item Number	Mfr Item Name	Effective Date	Version	Manufacturing Site	<b>Weight *</b>	UOM	Unit Type
	NTPH D5 Case Series suffix"F"		2004-10-01			0.134	g	Each
Alternate Recommendation				Alternate Item Comments				

## Manufacturing Process Information

Terminal Plating / Grid Array Material	Terminal Base Alloy	J-STD-020 MSL Rating	Peak Process Body Temperature	Max Time at Peak Temperature	Number of Reflow Cycles
<b>Other</b>	<b>Other</b>	<b>3</b>	<b>245 C</b>	<b>10 seconds</b>	<b>2</b>
Comments <b>Terminal Plating Copper/Nickel/Palladium/gold</b>					

Save the fields in this form to a file

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Import Data

Clear all of the fields on this form

Reset Form

Lock the fields on this form to prevent changes

Lock Supplier Fields

## RoHS Material Composition Declaration

Declaration Type \*

Detailed

**RoHS Directive 2002/95/EC** | **RoHS Definition:** Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium

Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2002/95/EC and implemented by the laws of the European Union member states) of the part identified on this form contains lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a "RoHS restricted substance") in excess of the applicable quantity limit identified above. If a homogeneous material within the part contains a RoHS restricted substance in excess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part shall apply.

RoHS Declaration \*

1 - Item(s) does not contain RoHS restricted substances per the definition above

Supplier Acceptance \*

Accepted

**Exemptions:** If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.

## Declaration Signature

**Instructions:** Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.

Supplier Digital Signature

## Homogeneous Material Composition Declaration for Electronic Products

**SubItem Instructions:** The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

**Substance Instructions:** [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).

**Line Functions:** +I Inserts a New Item /SubItem +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

+I	-I	Item/SubItem Name	+M	-M	Homogeneous Material	Weight	Unit of Measure	+C	-C	Level	Substance Category	Substance	CAS	Exempt	Weight	Unit of Measure	Tolerance		PPM		
																	-	+			
+I	-I	NTPH D5 Case Ser	+M	-M	Tantalum Anode	48	mg	+C	-C	Supplier	Tantalum	+S	-S	Tantalum	7440-25-7		48	mg			
+M	-M	Electrolyte	5.85		mg	+C	-C	Supplier	Polymer		+S	-S	Polymer	non-disclos		5.85	mg				
+M	-M	Cathode Layer C	1.27889		mg	+C	-C	Supplier	Graphite		+S	-S	Graphite	7782-42-5		0.14893	mg				
									+S	-S	Carbon black	1333-86-4		0.14893	mg						
									+S	-S	Formaldehyde resin	non-disclos		0.742	mg						
									+S	-S	Phenol resin	non-disclos		0.14893	mg						
									+S	-S	Phenol	108-95-2		0.0901	mg						
+M	-M	Cathode Layer S	1.73		mg	+C	-C	Supplier	Metals		+S	-S	Sliver	7440-22-4		1.384	mg				
									+S	-S	Epoxy resin	9003-36-5		0.173	mg						
									+S	-S	Phenol resin	non-disclos		0.0865	mg						
									+S	-S	others	non-disclos		0.0865	mg						
+M	-M	Conductive Adh	1.1		mg	+C	-C	Supplier	Metals		+S	-S	Silver	7440-22-4		0.88	mg				
									+S	-S	Epoxy resin	9003-36-5		0.11	mg						
									+S	-S	Phenol resin	non-disclos		0.055	mg						
									+S	-S	others	non-disclos		0.055	mg						
+M	-M	Mold Encapsulat	56.01		mg	+C	-C	Supplier	Silicone		+S	-S	Silica	60676-86-0		44.808	mg				
									+S	-S	Epoxy resin	9003-36-5		5.601	mg						
									+S	-S	Resin Hardener	non-disclos		2.2404	mg						
									+S	-S	others	non-disclos		3.3606	mg						
+M	-M	Lead Frame	18.655		mg	+C	-C	Supplier	Metals		+S	-S	Iron	7439-89-6		10.8937	mg				
									+S	-S	Nickel	7440-02-0		7.64855	mg						
									+S	-S	Maganese	7439-96-5		0.0738	mg						
									+S	-S	Silicon	7440-21-3		0.0287	mg						

+S	-S	Aluminum	7429-90-5			0.01025	mg											
+M	-M	Terminal Plating	1.845	mg	+C	-C	Supplier	Metals	+S	-S	Copper	7440-50-8		1.2136	mg			
					+S	-S	Nickel	7440-02-0		0.59655	mg							
					+S	-S	Palladium	7440-05-3		0.02665	mg							
					+S	-S	Gold	7440-57-5		0.0082	mg							
+M	-M	Marking Ink	0.1	mg	+C	-C	Supplier	Ink	+S	-S	Titanium-dioxide	13463-67-7		0.055	mg			
					+S	-S	Others	non-disclos		0.045	mg							